

Converting Colors

Yxy(53.9267, 0.3592, 0.3331)

Have a look what the booklet for
Yxy(53.9267, 0.3592, 0.3331)
contains.

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Color

Yxy(53.8664, 0.3589, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	E8B6B3
RGB	232, 182, 179
RGB Percent	91%, 71%, 70%
CMY	0.0902, 0.2862, 0.2979
CMYK	0.00, 0.22, 0.23, 0.09
HSL	3°, 54%, 81%
HSV	3°, 23%, 91%
XYZ	58.1433, 53.8664, 49.9945
YIQ	196.6080, 30.7630, 9.6670

Conversions

Conversions Part 2

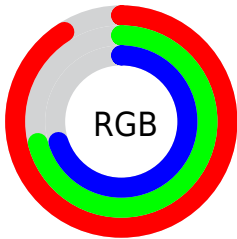
Format	Color
R _Y B	232, 182, 179
Decimal	15251123
CIE Lab	78.38, 17.62, 8.44
CIE LCh	78, 19.536, 25.583
Yxy	53.8664, 0.3589, 0.3325
Android (android.graphics.Color)	4293441203 (0xFFE8B6B3)
YUV	196.6080, -8.6807, 31.0388
Hunter-Lab	73.3937, 12.9706, 10.9883

Details

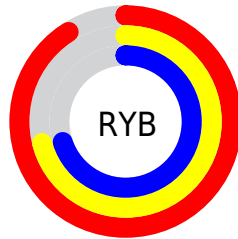
The Yxy color **53.8664, 0.3589, 0.3325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4581, 0.2787, 0.3255**, and the grayscale version is **55.6276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4072, 0.3260, 0.3320**, and **26.4370, 0.3725, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **44.7296, 0.3874, 0.3342**, and if you desaturate by 10%, it is **64.5681, 0.3358, 0.3309**.

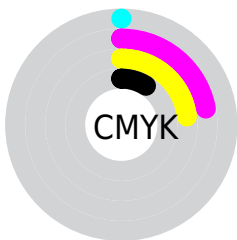
Distribution



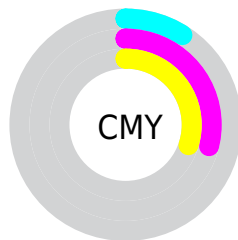
- Red (91%)
- Green (71%)
- Blue (70%)



- Red (91%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8664, 0.3589, 0.3325 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 53.8664, 0.3589, 0.3325 by changing the saturation by 10% instead.


 53.8664, 0.3589,
0.3325

 53.8664, 0.3589,
0.3325


401.6003, 0.3362,
0.3312

 38.4949, 0.3645,
0.3327

 95.8781, 0.3507,
0.3321

 26.3670, 0.3715,
0.3329


123.2870, 0.3476,
0.3319

 17.0984, 0.3808,
0.3331


155.4771, 0.3450,
0.3318

 10.3047, 0.3935,
0.3331

192.8329, 0.3427,
0.3316

 5.6014, 0.4120,
0.3328

235.7387, 0.3408,
0.3315

 2.6043, 0.4411,
0.3313

284.5790, 0.3391,

 0.9288, 0.5101,

0.3314

0.3371

339.7381, 0.3375,
0.3313

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.8664, 0.3589,
0.3325

53.8664, 0.3589,
0.3325

44.7296, 0.3874,
0.3342

64.5681, 0.3358,
0.3309

37.0773, 0.4220,
0.3357

76.8953, 0.3173,
0.3294

30.8335, 0.4628,
0.3370

90.9145, 0.3023,
0.3280

25.9121, 0.5084,
0.3378

95.8944, 0.2987,
0.3290

■ 22.2180, 0.5550,
0.3376

■ 19.6429, 0.5961,
0.3363

■ 18.0601, 0.6251,
0.3339

■ 17.4435, 0.6370,
0.3325

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.8664, 0.3404, 0.3112



53.8664, 0.3589, 0.3325



53.8664, 0.3644, 0.3538

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.8664, 0.3589, 0.3325



53.8664, 0.3091, 0.3671



53.8664, 0.2710, 0.2883

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.8664, 0.3589, 0.3325



71.4581, 0.2787, 0.3255

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.8664, 0.2636, 0.3012



53.8664, 0.3589, 0.3325



53.8664, 0.2849, 0.3473

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.8664, 0.3589, 0.3325



53.8664, 0.3350, 0.3753



53.8664, 0.2685, 0.3226



53.8664, 0.2894, 0.2863

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.8664, 0.3589, 0.3325



53.8664, 0.3599, 0.3654



53.8664, 0.2685, 0.3226



53.8664, 0.2672, 0.2914

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.8689, 0.3589, 0.3325



88.6220, 0.3246, 0.3300



55.0820, 0.3174, 0.2749



18.7691, 0.3257, 0.3301



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.8689, 0.3589, 0.3325



61.6484, 0.3705, 0.3332



65.5989, 0.3526, 0.3613



14.4973, 0.3291, 0.3304



9.7422, 0.6358, 0.3333



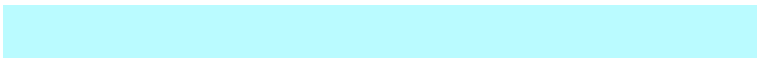
0.7661, 0.6243, 0.3425

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.4581, 0.2787, 0.3255



86.7517, 0.2728, 0.3247



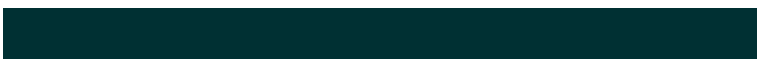
58.0591, 0.2763, 0.2944



16.1901, 0.2982, 0.3276



31.4096, 0.2198, 0.3114



2.3637, 0.2206, 0.3141

Previews

White Background



This preview shows how the Yxy color 53.8664, 0.3589, 0.3325 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 53.8664, 0.3589, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

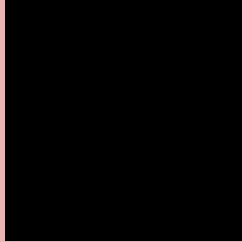
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8664, 0.3589, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 53.8664, 0.3589, 0.3325.



This preview shows how white text looks on a background with the Yxy color 53.8664, 0.3589, 0.3325.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.8664, 0.3589, 0.3325

Protanopia

53.9221, 0.3245, 0.3388

Deuteranopia

53.8151, 0.3473, 0.3397



Tritanopia

54.0300, 0.3481, 0.3135

Trichromacy



Original Color

53.8664, 0.3589, 0.3325

Protanomaly

53.8111, 0.3367, 0.3362

Deuteranomaly

53.7596, 0.3521, 0.3372

Tritanomaly

54.0455, 0.3514, 0.3202

Monochromacy



Original Color

53.8664, 0.3589, 0.3325

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1186, 0.3290, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8664, 0.3589, 0.3325 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 182, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 182, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 179) }
```

Border

The CSS property to change the border of an element to Yxy 53.8664, 0.3589, 0.3325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 182, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 182, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 182, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8664, 0.3589, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
182, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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